

STATE OF CALIFORNIA
California Energy Commission

Minutes of the July 27 Energy Commission Business Meeting

The meeting was called to order at 10:05 by Chairman Robert B. Weisenmiller. The Pledge of Allegiance was lead by Chairman Weisenmiller.

Present:

Robert B. Weisenmiller, Chair
James D. Boyd, Vice Chair

Carla J. Peterman, Commissioner

1. CONSENT CALENDAR. (Items on the Consent Calendar will be taken up and voted on as a group. A commissioner may request that an item be moved and discussed later in the meeting.)

- a. COUNTY OF PLACER. Possible approval of Amendment 1 to Agreement CBG-09-006 with Placer County to shift \$125,203 from lighting material to HVAC equipment for the Placer County Courthouse. The original proposal specified replacement of the chiller compressors only. The cost savings from the lighting project will allow the county to install new chillers and a variable speed drive pumping system and controls. Contact: Joseph Wang.

Item 1 a was moved to the August 10 agenda.

- b. CITY OF DINUBA. Possible approval of Amendment 1 to Agreement CBG-09-055 with the City of Dinuba to revise the Scope of Work and the Budget. The city is revising the number of units and locations of its lighting project, removing HVAC control measures, and reallocating \$24,474 from Contract Labor to Non-Labor Contract Expenses. There is no change to the grant amount. Contact: Cheng Moua.
- c. CITY OF EAST PALO ALTO. Possible approval of Amendment 1 to Agreement CBG-09-025 with the City of East Palo Alto which provided funding for the replacement of street lighting throughout the City of East Palo Alto. This amendment extends the term from September 29, 2011 to June 14, 2012, and revises the budget, reallocating \$96,404 to allow the City's subcontractor to purchase all materials. The grant amount of \$180,214 has not changed. Contact: Chris Scott.
- d. COUNTY OF MONO. Possible approval of Amendment 1 to Agreement CBG-09-026 with Mono County to change the scope of work, revise the budget and extend the term of the agreement. Instead of premium motors with variable frequency drive and voltage interconnections, the county will install HVAC controls, hot water control valves on air handlers, and lighting retrofits. Budget is being reallocated and reduced from a grant amount of \$49,649 to \$49,350. The term of the agreement is extended from November 30, 2011 to June 1, 2012. Contact: Cheng Moua.

- e. CITY OF PISMO BEACH. Possible approval of Amendment 2 to Agreement CBG-09-116 with the City of Pismo Beach to change from labor performed by city employees to labor performed by a contractor. The amendment revises the Scope of Work to LED streetlights only, increases the number of streetlights, and extends the term of the agreement to June 14, 2012, to allow time for the changes in the scope to be implemented. Contact: Anne Fisher.

Item 1 e was moved to the August 10 agenda.

- f. CITY OF BLYTHE: Possible approval of Amendment 1 to Agreement CBG-09-110 with the City of Blythe which provided funding for interior lighting, occupancy sensors, and LED exit sign retrofits within various city-owned facilities. This amendment revises the budget and scope of work by the city's subcontractor and city staff. There is no change in the total amount of the agreement. Contact: Shahid Chaudhry.

Item 1 f was moved to the August 10 agenda.

- g. GAS TECHNOLOGY INSTITUTE. Possible approval of Amendment 1 to Agreement PIR-09-004 with Gas Technology Institute for a no-cost time extension and to correct errors in the budget rates. There is no change to the scope of work or grant amount. Contact: Richard Sapudar.
- h. SOUTHERN CALIFORNIA GAS COMPANY. Possible approval of Amendment 1 to Agreement PIR-07-008 with Southern California Gas Company to revise the work statement and reduce funding by \$435,432 to a total of \$1,048,747 to field test an emissions control sensor for reciprocating natural gas engines. Due to difficulties in finding a host site for testing, the grantee requested that testing of an absorption chiller that integrates with a natural gas engine be removed from the scope of work, with a commensurate reduction in the award. (PIER natural gas funding.) Contact: Pablo Gutierrez.
- i. LAWRENCE BERKELEY NATIONAL LABORATORY. Possible approval of Amendment 1 to Contract 500-07-046 with Lawrence Berkeley National Laboratory (LBNL) for a no-cost time extension to allow the contractor to collect additional data on school ventilation and affect on absenteeism. The U.S. Green Building Council will provide \$100,000 to LBNL to cover the additional time for data collection. Contact: Bradley Meister.

Item 1 i was moved to the August 10 agenda.

- j. CITY OF MALIBU. Possible approval of the City of Malibu's locally adopted building energy standards to require greater energy efficiency than the 2008 Building Energy Efficiency Standards. Contact: Joe Loyer.

Item 1 j was moved to the August 10 agenda.

- k. NATIONAL RENEWABLE ENERGY LABORATORY. Possible approval of Amendment 1 to Contract 500-07-034 with National Renewable Energy Laboratory for a no-cost time extension to September 14, 2012. The project is to

develop analysis tools to analyze energy features of buildings, understand the potential statewide energy impacts of building systems, and develop recommendations for future building energy efficiency standards. The time extension will allow the contractor to complete additional development, testing and piloting to deliver a better software product at the end of the contract term.
Contact: Martha Brook.

Vice Chair Boyd moved approval of the Consent Calendar, with the exception of Items 1a, 1e, 1f, 1j, and 1l. Commissioner Peterman seconded the motion. The vote was unanimous. (3-0)

2. EMPLOYMENT TRAINING PANEL. Possible approval of Amendment 1 to Contract 180-09-002 to recapture \$1,217,471 of under-spent funds from the Employment Training Panel (ETP) for the Clean Energy Workforce Training Program. (ARRA funding.) Contact: Chris Graillat. (5 minutes)
3. EMPLOYMENT DEVELOPMENT DEPARTMENT. Possible approval of Amendment 1 to Contract 180-09-001 with the Employment Development Department (EDD) to reallocate recaptured funds not to exceed \$1,217,471 from low performing sub-grantees of the Employment Training Panel to high-performing on-the-job training sub-grantees of the EDD. (ARRA funding.) Contact: Chris Graillat. (5 minutes)

The Commission agreed to consider Item 2 and Item 3 together. Vice Chair Boyd moved and Commissioner Peterman seconded approval of Items 2 and 3. The vote was unanimous. (3-0)

4. ACCUSTAFF. Possible approval of Contract 200-11-004 for \$74,500 with AccuStaff for temporary support services to assist the Energy Commission's Federal Economic Recovery Program during periods of peak workload. The workload will be uneven, with peak periods where contractor support may be needed for working with stakeholders, funding agreement preparation and dissemination, project monitoring and evaluation, and payment of expenditure claims. (ERPA funding.) Contact: Lorraine White. (5 minutes)

Commissioner Peterman moved and Vice Chair Boyd seconded approval of Item 4. The vote was unanimous. (3-0)

5. COUNTY OF IMPERIAL. Possible approval of Agreement 001-11-ECE-ARRA for a loan of \$816,494 to Imperial County to retrofit 288 tons of air handlers and HVAC components at the county Juvenile Detention Complex. Annual energy savings are estimated at \$89,500 annually. The loan is augmented by an Energy Efficiency and Conservation Block Grant and has a simple payback of 9.1 years based on the loan amount. (ECA and ECE-ARRA funding.) Contact: Akasha Kaur Khalsa. (5 minutes)

Vice Chair Boyd moved and Commissioner Peterman seconded approval of Item 5. The vote was unanimous. (3-0)

6. AMBER KINETICS, INC. Possible approval of Agreement PIR-10-065 for a grant of \$369,466 to Amber Kinetics, Inc., for an accelerated research, development and demonstration program for an innovative utility-scale flywheel energy storage system. The award will be cost-share for the recipient's American Recovery and Reinvestment Act of 2009 award. (PIER electricity funding.) Contact: Avtar Bining. (5 minutes)

Vice Chair Boyd moved and Commissioner Peterman seconded approval of Item 6. The vote was unanimous. (3-0)

7. ENERVAULT CORPORATION. Possible approval of Agreement PIR-10-066 for a grant of \$476,428 to EnerVault Corporation to demonstrate the commercial viability of EnerVault's novel iron-chromium redox flow battery energy storage system with a dual-tracking photovoltaic system. This award will supplement the recipient's American Recovery and Reinvestment Act of 2009 award. (PIER electricity funding.) Contact: Avtar Bining. (5 minutes)

Vice Chair Boyd moved and Commissioner Peterman seconded approval of Item 7. The vote was unanimous. (3-0)

8. PALMDALE HYBRID POWER PROJECT (Docket No. 08-AFC-9). Possible adoption of the Presiding Member's Proposed Decision on the Palmdale Hybrid Power Project and Errata. The proposed Palmdale Hybrid Power Project is a hybrid natural gas-fired combined cycle and solar thermal generator, located northwest of the Los Angeles/ Palmdale Regional Airport in the City of Palmdale. Contact: Ken Celli. (30 minutes)

Item 8 was moved to the August 10 agenda.

9. INFORMATIONAL ITEM: EMERGING RENEWABLES PROGRAM. Update on the suspension of the Emerging Renewables Program, including the review and processing of pending applications for program funding, the development of proposed revisions to program guidelines, and the review of other program-related issues. The Emerging Renewables Program was suspended on March 4, 2011, to address deficiencies with program requirements. Contact: Anthony Ng. (5 minutes)
10. **Minutes:** Possible approval of the July 13, 2011, Business Meeting Minutes.

Vice Chair Boyd moved and Commissioner Peterman seconded approval of the Minutes. The vote was unanimous. (3-0)

11. Commission Committee Presentations and Discussion:

Vice Chair Boyd reported on yesterday's IEPR workshop on nuclear issues and the recent meeting of the International Clean Transportation Coalition.

Chair Weisenmiller and Commissioner Peterman reported on the Governor's Conference on Local Renewable Energy Resources, and the recent ACORE meeting.

12. **Chief Counsel's Report:** Chief Counsel Michael Levy requested a closed session to discuss *BNSF Railway Company v. US Department of Interior, California Energy Commission* (U.S. District Court Central District of California-Riverside, CV 10-10057 SVW (PJWx)), and facts and circumstances that constitute a significant exposure to litigation against the Commission.
13. **Executive Director's Report.** None.
14. **Public Adviser's Report.** None.
15. **Public Comment:** None.

16. **Internal Organization and Policy.** None.

Appearances:

Mr. Thomas Colson, EnerVault

Mr. Mickey Oros, Alteryx Systems

Mr. Terry Carlone, Clean World Partners

Mr. David Raine, Dyocore

Mr. Bruce Dawson, Liquid Capital Assets

There being no further business, the meeting was adjourned to closed session.

Respectfully submitted,

HARRIET KALLEMEYN
Secretary to the Commission